

## LaCreek National Wildlife Refuge, Boundary Metadata

### Identification\_Information:

#### Citation:

##### Citation\_Information:

##### Originator:

U.S. Fish & Wildlife Service (Service), Refuges & Wildlife, Region 6,  
Division of Realty

Publication\_Date: 200403

Title: Approved Acquisition Boundary for Lacreek National Wildlife Refuge

Geospatial\_Data\_Presentation\_Form: Map

Online\_Linkage: <[http://biology.usgs.gov/npsveg/lacr/index.html#geospatial\\_veg\\_info](http://biology.usgs.gov/npsveg/lacr/index.html#geospatial_veg_info)>

### Description:

Abstract: An approved acquisition (AA) boundary delineates the area that has been approved (by executive order, decision document, Migratory Bird Conservation Commission approval, etc.) to be included in a National Wildlife Refuge.

Approval does not necessarily indicate that the entire area inside this boundary has been (or ever will be) acquired by the Service. The AA boundary also includes Refuge land interests currently held by the Service (e.g., fee, easements, leases, etc.). Data used to locate this boundary was obtained from the Service Realty program.

Purpose: The intended application of the data is to serve as a spatial reference for other data layers in GIS and mapping applications. It is specifically not intended to be used as a land survey or representation of land for conveyance or tax purposes.

Supplemental\_Information: NA

### Time\_Period\_of\_Content:

#### Time\_Period\_Information:

##### Single\_Date/Time:

Calendar\_Date: 200403

Currentness\_Reference: Research of Region 6 Realty files

### Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: As needed

### Spatial\_Domain:

Description\_of\_Geographic\_Extent: LaCreek National Wildlife Refuge and environs

#### Bounding\_Coordinates:

West\_Bounding\_Coordinate: -101.702

East\_Bounding\_Coordinate: -101.513

North\_Bounding\_Coordinate: 43.177

South\_Bounding\_Coordinate: 43.046

### Keywords:

#### Theme:

Theme\_Keyword\_Thesaurus: None

Theme\_Keyword: national wildlife refuge

Theme\_Keyword: Lacreek National Wildlife Refuge

#### Place:

Place\_Keyword\_Thesaurus: None

Place\_Keyword: South Dakota

Place\_Keyword: Bennett

### Point\_of\_Contact:

#### Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: USGS-NPS Vegetation Mapping Program Coordinator

#### Contact\_Address:

Address\_Type: mailing and physical address

Address: U.S. Geological Survey, Center for Biological Informatics, MS 302, Room 8000, Building 810, Denver

## LaCreek National Wildlife Refuge Vegetation Mapping Project

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Federal Center

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

Country: USA

Contact\_Voice\_Telephone: (303) 202-4220

Contact\_Facsimile\_Telephone: (303) 202-4219

Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Access\_Constraints: None

Use\_Constraints: Refuge boundary data were compiled for resource applications. It is inappropriate to use this data in legal situations, or other applications where spatial error cannot exceed the USGS 7.5' mapping standards. This data is specifically not intended to be used as a land survey or representation of land for conveyance or tax purposes. Approval to acquire land inside the AA boundary does not necessarily indicate that the entire area inside this boundary has been (or ever will be) acquired by the Service.

Native\_Data\_Set\_Environment: Data was edited with ESRI's ArcInfo version 7.2.1 Patch 2 software on a PC running WINDOWS NT version 4.0 (Build 1381: Service Pack 6) operating system. The data was later edited in ESRI's ArcGIS ArcInfo Workstation version 8.3 software on a PC running Windows XP Professional Version 5.1.2600, Service Pack 1.0.

### Data\_Quality\_Information:

#### Attribute\_Accuracy:

Attribute\_Accuracy\_Report: Arc and polygon item values are rechecked by data entry staff for omissions and against the original data for accuracy.

Logical\_Consistency\_Report: The digital boundary was compared to source material for completeness. Software capabilities were used to ensure arcs have no dangling nodes and intersection errors and to check polygons for label errors.

Completeness\_Report: Arcs that represent the entire approved acquisition boundary were included. Line work was checked for omissions.

#### Positional\_Accuracy:

##### Horizontal\_Positional\_Accuracy:

Horizontal\_Positional\_Accuracy\_Report: Data are stored in ArcInfo double precision.

#### Lineage:

##### Source\_Information:

###### Source\_Citation:

###### Citation\_Information:

Originator: U.S. Fish & Wildlife Service, Refuges and Wildlife, Region 6, Division of Realty

Publication\_Date: unknown

Title: Various information from Division of Realty

Geospatial\_Data\_Presentation\_Form: Map

Type\_of\_Source\_Media: Paper

Source\_Time\_Period\_of\_Content:

###### Time\_Period\_Information:

###### Range\_of\_Dates/Times:

Beginning\_Date: unknown

Ending\_Date: unknown

Source\_Currentness\_Reference: None

Source\_Citation\_Abbreviation: None

Source\_Contribution: Used to determine the current location and extent of the approved acquisition boundary. A document summarizing the specific information used to determine the extent of the approved acquisition boundary is on file in Region 6 Realty (document location: Refuges/RE, LA-South Dakota, Lacreek NWR, General file folder).

##### Source\_Information:

###### Source\_Citation:

###### Citation\_Information:

Originator: U.S. Geological Survey

Publication\_Date: unknown

Title: 7.5 Minute Topographical Quadrangle(s) for the area covering Lacreek National Wildlife Refuge approved

acquisition boundary.

Geospatial\_Data\_Presentation\_Form: Map

Type\_of\_Source\_Media: Digital Raster Graphics (DRGs)

Source\_Time\_Period\_of\_Content:

Time\_Period\_Information:

Range\_of\_Dates/Times:

Beginning\_Date: unknown

Ending\_Date: unknown

Source\_Currentness\_Reference: None

Source\_Citation\_Abbreviation: DRG

Source\_Contribution: Features on the DRG were screen-digitized to create a portion of the approved acquisition boundary line work.

Process\_Step:

Process\_Description: A copy of the digital Lacreek ownership (fee and less-than-fee) boundary was edited to create this coverage. The user-defined arc and polygon items required by the legislative (approved acquisition) boundary project were added. The polygon labels were edited. Arc and polygon items were populated. The coverage was rebuilt and run through quality control steps.

Process\_Date: 200403

Spatial\_Data\_Organization\_Information:

Direct\_Spatial\_Reference\_Method: Vector

Spatial\_Reference\_Information:

Horizontal\_Coordinate\_System\_Definition:

Planar:

Grid\_Coordinate\_System:

Grid\_Coordinate\_System\_Name: Universal Transverse Mercator

Universal\_Transverse\_Mercator:

UTM\_Zone\_Number: 14

Transverse\_Mercator:

Scale\_Factor\_at\_Central\_Meridian: .9996

Longitude\_of\_Central\_Meridian: -99

Latitude\_of\_Projection\_Origin: 0

False\_Easting: 500000

False\_Northing: 0

Planar\_Coordinate\_Information:

Planar\_Coordinate\_Encoding\_Method: coordinate pair

Coordinate\_Representation:

Abscissa\_Resolution: .001

Ordinate\_Resolution: .001

Planar\_Distance\_Units: meters

Geodetic\_Model:

Horizontal\_Datum\_Name: North American Datum of 1983

Ellipsoid\_Name: Geodetic Reference System 80

Semi-major\_Axis: 6378137

Denominator\_of\_Flattening\_Ratio: 298.257

Entity\_and\_Attribute\_Information:

Overview\_Description:

Entity\_and\_Attribute\_Overview: USFWS National Wildlife Refuge Boundary

Entity\_and\_Attribute\_Detail\_Citation: An approved acquisition boundary as it applies to Region 6 and to the digital legislative boundary set forth in 97-01, U.S. Fish and Wildlife Service Lands Boundary Data Standard Operating Procedure (SOP) is defined as an area that is approved for acquisition into a National Wildlife Refuge; it may also include lands that have been acquired by fee, lease, certain types of easements, agreement, and permit, etc.. See SOP under "Labeling Files and Geographic Features - Legislative Boundary" (in process 1) for information on arc and polygon items and item values. Polygon items in addition to those referenced in the SOP include: ARC\_ACRES

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(replaces SOP ACREAGE item), REC\_ACRES and METHOD (these two items are no longer considered applicable, and therefore are not populated; however, the items are being retained to maintain consistency with coverages created previously that contain these items). There is also an arc- item named METHOD; codes in this item indicate the method of creation of arcs. Arcs coded as "Dig-DRG" were screen-digitized from the DRG; those coded as "c" were created to close gaps made by editing preexisting line work. Un-coded arcs came from HAPET data. If more information is needed regarding the creation of HAPET arcs, the contact number is: (701) 250-4413.

### Distribution\_Information:

#### Distributor:

#### Contact\_Information:

##### Contact\_Organization\_Primary:

Contact\_Organization: USGS Center for Biological Informatics

##### Contact\_Position: USGS-NPS Vegetation Mapping Program Coordinator

##### Contact\_Address:

Address\_Type: mailing and physical address

Address: United States Geological Survey, Center for Biological Informatics

Address: MS 302, Bldg 810, Room 8000

Address: Denver Federal Center

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

Country: USA

Contact\_Voice\_Telephone: 303 202-4220

Contact\_Facsimile\_Telephone: 303 202-4219

Contact\_Facsimile\_Telephone: 303 202-4229

Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Resource\_Description: Digital data were compiled for use in NPS decision making.

#### Distribution\_Liability:

The U.S. Geological Survey and the National Park Service shall not be held liable for improper or incorrect use of the data described and/or contained herein. These data and related graphics (i.e., GIF or JPG format files) are not legal documents and are not intended to be used as such. The information contained in these data is dynamic and may change over time. The data are not better than the original sources from which they were derived. It is the responsibility of the data user to use the data appropriately and consistent within the limitations of geospatial data in general and these data in particular. The related graphics are intended to aid the data user in acquiring relevant data; it is not appropriate to use the related graphics as data.

The U.S. Geological Survey and the National Park Service gives no warranty, expressed or implied, as to the accuracy, reliability, or completeness of these data. It is strongly recommended that these data are directly acquired from an NPS server and not indirectly through other sources which may have changed the data in some way. Although these data have been processed successfully on computer systems at the U.S. Geological Survey and the National Park Service, no warranty expressed or implied is made regarding the utility of the data on other systems for general or scientific purposes, nor shall the act of distribution constitute any such warranty. this disclaimer applies both to individual use of the data and aggregate use with other data.

#### Standard\_Order\_Process:

##### Digital\_Form:

##### Digital\_Transfer\_Information:

Format\_Name: HTML

##### Digital\_Transfer\_Option:

##### Online\_Option:

##### Computer\_Contact\_Information:

##### Network\_Address:

Network\_Resource\_Name: [http://biology.usgs.gov/npsveg/lacr/index.html#geospatial\\_veg\\_info](http://biology.usgs.gov/npsveg/lacr/index.html#geospatial_veg_info)

Access\_Instructions: Internet Access

Fees: None

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### Metadata\_Reference\_Information:

Metadata\_Date: 200403

Metadata\_Review\_Date: 20060905

Metadata\_Contact:

Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact\_Address:

Address\_Type: mailing and physical address

Address:

U.S. Geological Survey, Center for Biological Informatics, MS 302,  
Room 8000, Building 810, Denver Federal Center

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

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Contact\_Voice\_Telephone: (303) 202-4220

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Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Metadata\_Standard\_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1:  
Biological Data Profile, 1999

Metadata\_Standard\_Version: FGDC-STD-001-1998

Metadata\_Extensions:

Online\_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile\_Name: Biological Data Profile FGDC-STD-001.1-1999